Date: User: Monday, 02/02/2009 11:50:12 AM

Julie Dawson

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 45395B

Estimate Number

P.O. Number

Prsht Rev.

First Issue

Written By

Previous Run

: 10378

This Issue

: 02/02/2009

: NC

: // : 44395B

S.O. No. :

Type

Part Number

Drawing Name

: D30653

Drawing Number

: D3065 REV. B : N/A

: STEP SPACER

Project Number

: B **Drawing Revision**

Material

Due Date

: 15/02/2009

Qty:

60 Um:

Each

Checked & Approved By

Comment

Incorporated D3066-1 IPP KJ/RF : Est:C 02.11.01

: SMALL /MED FAB

Est Rev:D Now on Water Jet 06-04-11 JLM

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M2024T3S040

2024-T3 .040 sheet

Comment: Qty.:

0.2287 sf(s)/Unit Total:

13.7214 sf(s)

Material: 2024-T3 (QQ-A-250/4) 0.040" thick

(M2024T3S.040)

Batch: 110337

2.0

WATER JET

FLOW WATER JET



Comment: FLOW WATER JET

1-Cut as per Dwg D

Dwg Rev: 🔏

Prog Rev:

2-Deburr if necessary

3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE







Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

QC8

SECOND CHECK



Comment: SECOND CHECK

5.0

SMALL FAB





SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr Stack





Dart Aeros	pace Ltd
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
		•									
No red voc											
			15mm)				<u></u>				

Part No: <u>D3065-3</u>	PAR #: 🎝 A	Fault Category: Pod The Pasty Ma	NCR: Yes No DQA:	Date: 09/02/25
Resolution:	Scrap	Disposition: SCAP	_ QA: N/C Closed:	_ Date: <u>09636</u> 25

NCR:45	5395E	\ >	WORK ORDER NON-CONFORMANCE (NCR)						
DATE		Description of NC		Corrective Action Section B		Verification	Approval	Approval	
DATE	STEP	Section A			Sign & Date	Section C	Chief Eng	QC Inspector	
09:02:19	4.0	3 parts were found with blow-our parent around some rivet holes, one to piercing an the W.Jet.	+	Scrapi No replace Qty3	09 02 19				
		R.C: process/presure blow out	10SICUL			109.02.19	Losius	109 D.19	
	<u> </u>								

Date: Monday, 02/02/2009 11:50:12 AM User: Julie Dawson **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: STEP SPACER Job Number: 45395B Part Number: D30653 Job Number: Seq. #: **Machine Or Operation:** Description: BRAKE NO 6.0 NC BRAKE Comment: NC BRAKE Bend as per Dwg D3065 7.0 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 INSPECT POWDER COAT/CHEMICAL CONVER 9.0 QC3 Comment: INSPECT CHEMICAL CONVERSION COAT 10.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 67 11.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion U 09.02.24

Dart Ae	rospace	e Ltd								
W/O:			٧	VORK ORDER CH	ANGES					
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			·							
Part No	:	PAR #:	Fault Ca	tegory:	NC	R: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition:			QA: N/C Closed:				
NCR:		W	ORK OR	DER NON-CONFO	RMANCE	(NCR)	****		
DATE	STED	Description of NC		Corrective Action	Section B		Verific	ation	Approval	Approval
DAIL	Section A Initial		Initial Chief Eng	Action Description Chief Eng		Sign & Date	& Section C		Chief Eng	QC Inspector

DART AEROSPACE LTD	Work Order:	N5395B
Description: Step Spacer	Part Number:	D3065-3
Inspection Dwg: D3065 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.260	+/-0.010	1. 763	/		very	•
.3.260	+/-0.010	3,261	V		Vers	
5.260	+/-0.010	5.262	/		verN	
6.520	+/-0.010	6.573	/		vern	
2.093	+/-0.010	2.100	V		ver	
3.936	+/-0.010	3,942			ver	
4.186	+/-0.010	4.189	<i>\\</i>		verN	
Ø0.128	+0.005/-0.000	0.128	/		vern	
Ø1.250	+0.005/-0.000	1250	1		VeIN	
Pitch 1.204	+/-0.005	1.208			vern	,
0.040	+/-0.010	0.040	/		VECN	
						,

Measured by:	M.WI	Audited by:		Prototype Approval:	N/A
Date:	09 02 19	Date:	105.02.19	Date:	N/A

Rev	Date	Change	Revised by Approved
Α	04.02.25	New Issue P/O D3065-041	KJ/RF
В	04.08.12	Removed dimension 1.204	KJ/JLM
С	06.06.23	Dwg Rev. changed	KJ/JLM ,
D	07.09.06	0.040 dimension added	KJ/JLM of E
	•		()



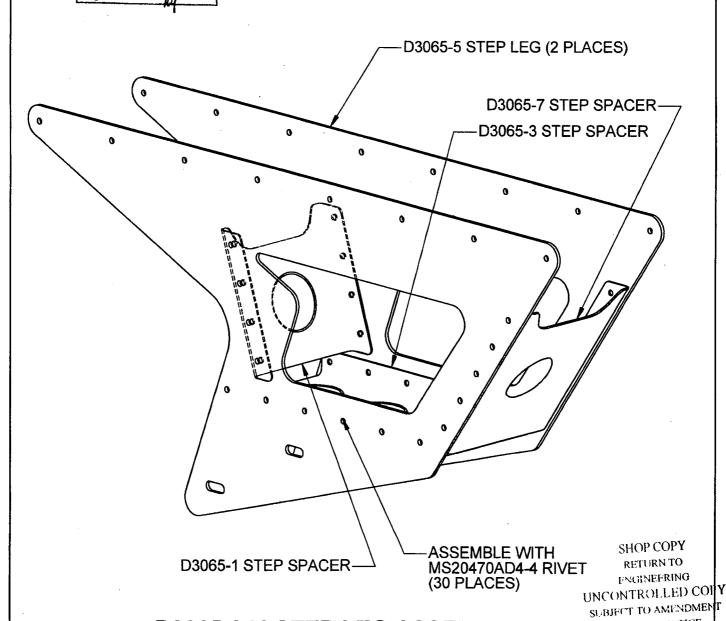
Dart Aerosp	pace Ltd
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W/O:			WO	RK ORDER CHANG	ES					
DATE	STEP	PR	OCEDURE CHAI	IGE	By Date Qty			Approval Chief Eng / Prod Mgr Appro QC Inspi		
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date:		
	Reso	olution:	Disposition	ı:	_ QA: N/C Cld	sed:		Date: _		
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)				
DATE	STEP	Description of NC	tion of NC Corrective Action			Verific	Verification	Approval	Approval	
	JIL!	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	on C	Chief Eng	QC Inspector	
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DESIGN A DRAWN BY			"'. I IJAKI AFKUNPAL FIJIJ				
CHECK		APPROVED	DRAWING NO.	REV. B			
	PH	THE THE	D3065	SHEET 1 OF 5			
DATE	00.0)F 00	TITLE	SCALE			
	06.0	05.23	STEP LEG ASSEMBLY	1:2			
Α	0:	2.09.11	NEW ISSUE				
B 06.05.23		6.05.23	ADD 6061-T6 MATERIAL, ADD SLOTS TO D3065-5				

RELEASED



D3065-041 STEP LEG ASSEMBLY

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W/O:		WORK ORDER CH	IANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	 A:	Date:	<u></u>

Disposition: _____ QA: N/C Closed: ____ Date: ____

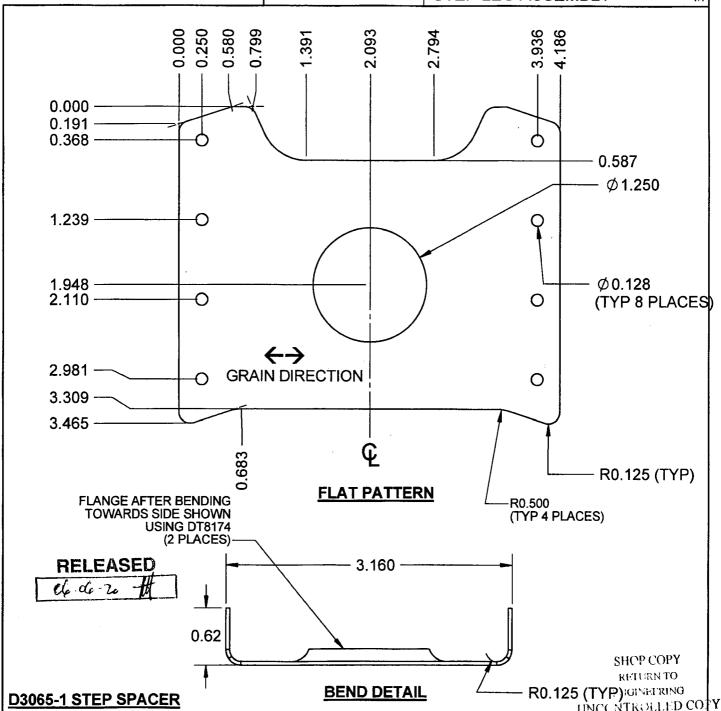
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D.4.T.F		Description of NC	+	Corrective Action Section B		Verification	A					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto				
							-					

NOTE: Date & initial all entries

Resolution:







1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.040 THICK (REF DART SPEC. M2024T3S.040) CT TO AMENDMENT 2) FINISH: ACID ETCH & ALODINE PER DART OSLOGG 4.1

2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1

3) BREAK ALL SHARP EDGES 0.005 TO 0.010 4) PART IS SYMMETRIC ABOUT CENTERLINE

5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

6) ALL DIMENSIONS ARE IN INCHES

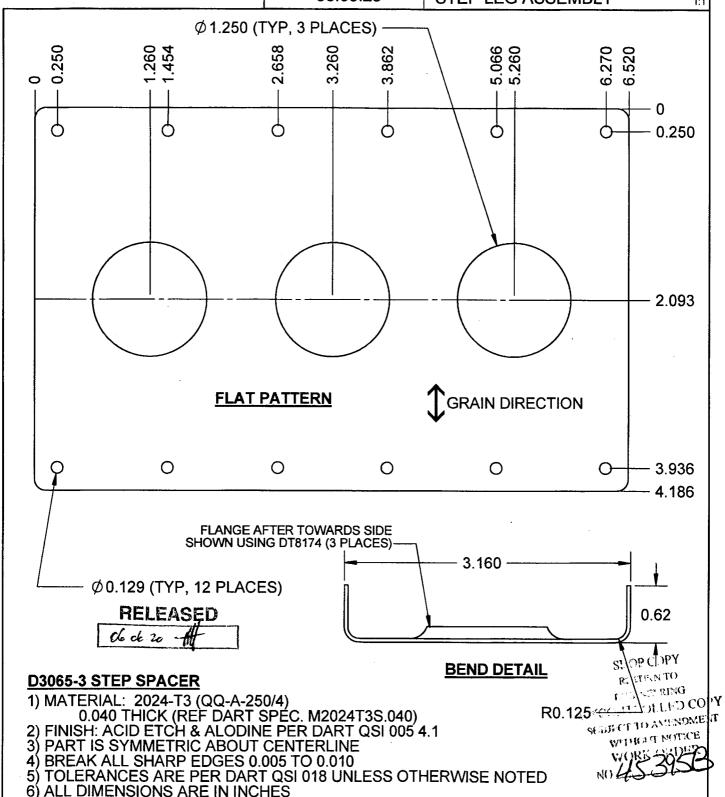
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Dart Ae	rospace	Ltd							
W/O:			W	ORK ORDER CHANGE	ES				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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				2					
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A:	_ Date: _	
	Re	solution:	Disposition	on:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	3)	-	· · · · · · · · · · · · · · · · · · ·	
DATE	STEP	Description of NC	Description of NC Corrective Action Sec			Verifi			T
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign and Date	& Sect	ion C	Approval Chief Eng	Approval QC Inspector







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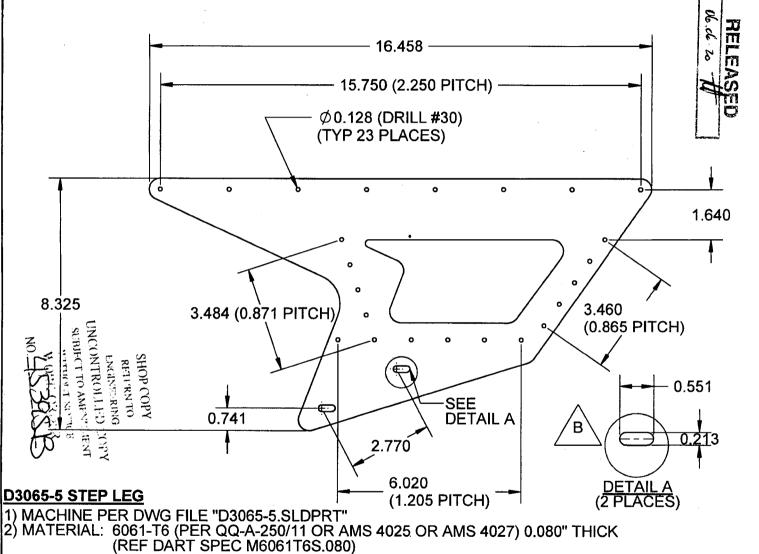
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W/O:			WORK ORDER	CHANGES				
DATE	STEP	PF	ROCEDURE CHANGE	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto	
							Port (19 cont 19 cont	
Part No	:	PAR #:	Fault Category:	NCR: Y	es No D (QA:	Date: _	<u> </u>
	Resoluti	on:	Disposition:	QA: N/0	Closed: _		Date: _	

NCR:			WORK ORDI	ER NON-CONFORMANC	E (NCR)							
		Description of NC		Corrective Action Section B		Verification						
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC inspector				
•												





2) MATERIAL: 6061-T6 (PER QQ-A-250/11 OR AMS 4025 OR AMS 4027) 0.080" THICK

ÒR

5052-H32 (PER QQ-A-250/8 OR AMS 4016) 0.080 THICK (REF DART SPEC. M5052H32S.080) 3) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1

BREAK ALL SHARP EDGES 0.005 TO 0.010
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE IN INCHES

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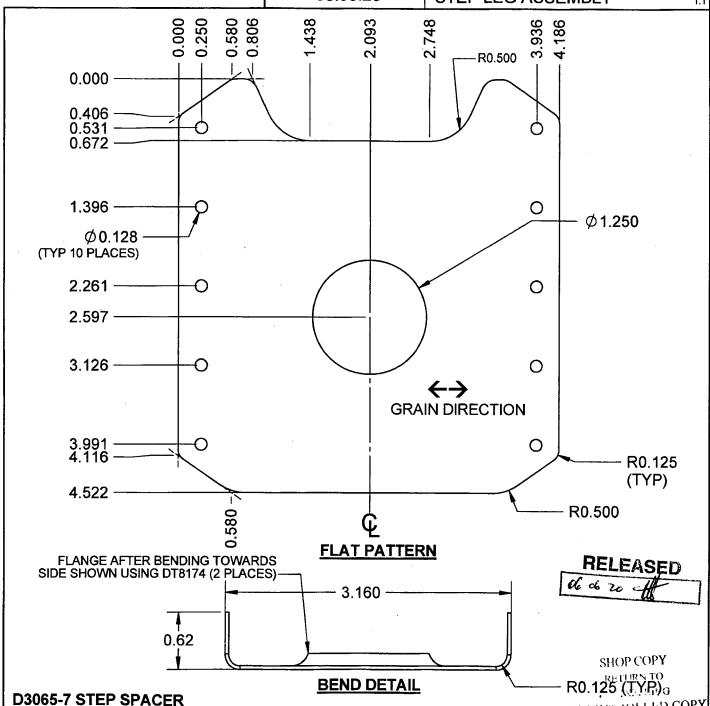
DATE	כאוויי	OF OF OR
	6H	S. S.
06.05.23	ATTROVE	C B
STEP LEG ASSEMBLY	D3065 SH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
SCALE 1:3	REV. B SHEET 4 OF 5	

	rospace Ltd							
W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCR)								
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		Approval Chief Eng	Approval QC Inspector					
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UNCONTROLLED COPY

WORK

1) MATERIAL: 2024-T3 (PER QQ-A-250/4) 0.040 THICK (REF DART SPEC. M2024T3S.040) ENDMENT WITHOUT SOUCE

2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1 3) PART IS SYMMETRIC ABOUT CENTERLINE

4) BREAK ALL SHARP EDGES 0.005 TO 0.010 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

6) ALL DIMENSIONS ARE IN INCHES

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W/O:			V	ORK ORDER CHANG	ES					
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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					,					
Dort No.	_	DAD #								
Part No: PAR #:										
	K	esolution:							Date:	
NCR:			WORK OR	DER NON-CONFORMA	ANCE	(NCR)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Corrective Action Description	ion B	Sign &		ation	Approvai	Approval
		Section A	Chief Eng	Chief Eng		Date	Secti	on C	Chief Eng	QC Inspector
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